

line 34, insert --SEQ. ID. NO. 70--.

line 35, insert --SEQ. ID. NO. 71--.

At page 13, line 1, insert --SEQ. ID. NO. 72--.

line 2, insert --SEQ. ID. NO. 73--.

line 4, insert --SEQ. ID. NO. 74--.

line 5, insert --SEQ. ID. NO. 75--.

At page 22, line 29, insert --SEQ. ID. NO. 76--.

line 30, insert --SEQ. ID. NO. 77--.

#### IN THE CLAIMS:

1. (*Amended*) Polypeptides capable of forming antigen binding structures with specificity for Rhesus D antigens which include Rhesus D-specific CDR 1, CDR 2 and CDR 3 regions of pairs of amino acid sequences  $V_H$  and  $V_L$  with the same or different identification numbers according to the figures given in the table below:

| SEQ. ID. NO. | Identification No. | Figure | CDR 1 base pair No. | CDR 2 base pair No. | CDR 3 base pair No. |
|--------------|--------------------|--------|---------------------|---------------------|---------------------|
| 1            | LD1-40-VH          | 1a     | 91-105              | 148-198             | 295-342             |
| 3            | LD1-40-VL          | 1b     | 64-96               | 142-162             | 259-288             |
| 5            | LD1-52-VH          | 2a     | 91-105              | 148-198             | 295-342             |
| 7            | LD1-52-VL          | 2b     | 64-96               | 142-162             | 259-288             |
| 9            | LD1-84-VH          | 3a     | 91-105              | 148-198             | 295-342             |
| 11           | LD1-84-VL          | 3b     | 64-96               | 142-162             | 259-285             |
| 13           | LD1-110-VH         | 4a     | 91-105              | 148-198             | 295-342             |
| 15           | LD1-110-VL         | 4b     | 64-96               | 142-162             | 259-285             |

|    |               |     |        |         |         |
|----|---------------|-----|--------|---------|---------|
| 17 | LD1-117-VH    | 5a  | 91-105 | 148-198 | 295-345 |
| 19 | LD1-117-VL    | 5b  | 64-96  | 142-162 | 259-288 |
| 21 | LD2-1-VH      | 6a  | 91-105 | 148-198 | 295-342 |
| 23 | LD2-1-VL      | 6b  | 61-99  | 145-165 | 262-294 |
| 25 | LD2-4-VH      | 7a  | 91-105 | 148-198 | 295-342 |
| 27 | LD2-4-VL      | 7b  | 64-96  | 142-162 | 259-282 |
| 29 | LD2-5-VH      | 8a  | 91-105 | 148-198 | 295-342 |
| 31 | LD2-5-VL      | 8b  | 64-96  | 142-162 | 259-288 |
| 33 | LD2-10-VH     | 9a  | 91-105 | 148-198 | 298-345 |
| 35 | LD2-10-VL     | 9b  | 61-102 | 148-168 | 265-294 |
| 37 | LD2-11-VH     | 10a | 91-105 | 148-198 | 295-342 |
| 39 | LD2-11-VL     | 10b | 64-96  | 142-162 | 259-285 |
| 41 | LD2-14-VH     | 11a | 91-105 | 148-198 | 295-342 |
| 43 | LD2-14-VL     | 11b | 64-96  | 142-162 | 259-285 |
| 45 | LD2-17-VH     | 12a | 91-105 | 148-198 | 295-342 |
| 47 | LD2-17-VL     | 12b | 64-96  | 142-162 | 259-285 |
| 49 | LD2-20-VH     | 13a | 91-105 | 148-198 | 295-342 |
| 51 | LD2-20-VL     | 13b | 64-96  | 142-162 | 259-285 |
| 53 | LD1-6-17-VH   | 14a | 91-105 | 148-198 | 295-351 |
| 55 | LD1-6-17-VL   | 14b | 64-96  | 142-162 | 259-285 |
| 57 | LD1/2-6-3-VH  | 15a | 91-105 | 148-198 | 295-342 |
| 59 | LD1/2-6-3-VL  | 15b | 64-96  | 142-162 | 259-285 |
| 61 | LD1/2-6-33-VH | 16a | 91-105 | 148-198 | 295-342 |
| 63 | LD1/2-6-33-VL | 16b | 64-96  | 142-162 | 259-285 |

6. (Amended) DNA sequences coding for polypeptides capable of forming antigen binding

structures with specificity for Rhesus D antigens which include regions with the Rhesus-D-specific CDR 1, CDR 2 and CDR 3 segments of pairs of DNA sequences  $V_H$  and  $V_L$  with the same or different identification numbers according to the figures given in the table below and functional equivalents thereof:

*D2  
Control*

| SEQ. ID. NO. | Identification No. | Figure | CDR 1 base pair No. | CDR 2 base pair No. | CDR 3 base pair No. |
|--------------|--------------------|--------|---------------------|---------------------|---------------------|
| 1            | LD1-40-VH          | 1a     | 91-105              | 148-198             | 295-342             |
| 3            | LD1-40-VL          | 1b     | 64-96               | 142-162             | 259-288             |
| 5            | LD1-52-VH          | 2a     | 91-105              | 148-198             | 295-342             |
| 7            | LD1-52-VL          | 2b     | 64-96               | 142-162             | 259-288             |
| 9            | LD1-84-VH          | 3a     | 91-105              | 148-198             | 295-342             |
| 11           | LD1-84-VL          | 3b     | 64-96               | 142-162             | 259-285             |
| 13           | LD1-110-VH         | 4a     | 91-105              | 148-198             | 295-342             |
| 15           | LD1-110-VL         | 4b     | 64-96               | 142-162             | 259-285             |
| 17           | LD1-117-VH         | 5a     | 91-105              | 148-198             | 295-345             |
| 19           | LD1-117-VL         | 5b     | 64-96               | 142-162             | 259-288             |
| 21           | LD2-1-VH           | 6a     | 91-105              | 148-198             | 295-342             |
| 23           | LD2-1-VL           | 6b     | 61-99               | 145-165             | 262-294             |
| 25           | LD2-4-VH           | 7a     | 91-105              | 148-198             | 295-342             |
| 27           | LD2-4-VL           | 7b     | 64-96               | 142-162             | 259-282             |
| 29           | LD2-5-VH           | 8a     | 91-105              | 148-198             | 295-342             |
| 31           | LD2-5-VL           | 8b     | 64-96               | 142-162             | 259-288             |
| 33           | LD2-10-VH          | 9a     | 91-105              | 148-198             | 298-345             |
| 35           | LD2-10-VL          | 9b     | 61-102              | 148-168             | 265-294             |
| 37           | LD2-11-VH          | 10a    | 91-105              | 148-198             | 295-342             |
| 39           | LD2-11-VL          | 10b    | 64-96               | 142-162             | 259-285             |
| 41           | LD2-14-VH          | 11a    | 91-105              | 148-198             | 295-342             |

D<sup>2</sup>  
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|    |               |     |        |         |         |
|----|---------------|-----|--------|---------|---------|
| 43 | LD2-14-VL     | 11b | 64-96  | 142-162 | 259-285 |
| 45 | LD2-17-VH     | 12a | 91-105 | 148-198 | 295-342 |
| 47 | LD2-17-VL     | 12b | 64-96  | 142-162 | 259-285 |
| 49 | LD2-20-VH     | 13a | 91-105 | 148-198 | 295-342 |
| 51 | LD2-20-VL     | 13b | 64-96  | 142-162 | 259-285 |
| 53 | LD1-6-17-VH   | 14a | 91-105 | 148-198 | 295-351 |
| 55 | LD1-6-17-VL   | 14b | 64-96  | 142-162 | 259-285 |
| 57 | LD1/2-6-3-VH  | 15a | 91-105 | 148-198 | 295-342 |
| 59 | LD1/2-6-3-VL  | 15b | 64-96  | 142-162 | 259-285 |
| 61 | LD1/2-6-33-VH | 16a | 91-105 | 148-198 | 295-342 |
| 63 | LD1/2-6-33-VL | 16b | 64-96  | 142-162 | 259-285 |

D<sup>3</sup>

14. (Amended) Anti-Rhesus D antibodies having heavy and light chain variable regions comprising the Rhesus D-specific CDR 1, CDR 2 and CDR 3 sequences of pairs of amino acid sequences V<sub>H</sub> and V<sub>L</sub> having the same or different identification numbers according to the table below:

| SEQ. ID. NO. | Identification No. | Figure | CDR 1 base pair No. | CDR 2 base pair No. | CDR 3 base pair No. |
|--------------|--------------------|--------|---------------------|---------------------|---------------------|
| 1            | LD1-40-VH          | 1a     | 91-105              | 148-198             | 295-342             |
| 3            | LD1-40-VL          | 1b     | 64-96               | 142-162             | 259-288             |
| 5            | LD1-52-VH          | 2a     | 91-105              | 148-198             | 295-342             |
| 7            | LD1-52-VL          | 2b     | 64-96               | 142-162             | 259-288             |
| 9            | LD1-84-VH          | 3a     | 91-105              | 148-198             | 295-342             |
| 11           | LD1-84-VL          | 3b     | 64-96               | 142-162             | 259-285             |
| 13           | LD1-110-VH         | 4a     | 91-105              | 148-198             | 295-342             |
| 15           | LD1-110-VL         | 4b     | 64-96               | 142-162             | 259-285             |

*D3  
include*

|    |               |     |        |         |         |
|----|---------------|-----|--------|---------|---------|
| 17 | LD1-117-VH    | 5a  | 91-105 | 148-198 | 295-345 |
| 19 | LD1-117-VL    | 5b  | 64-96  | 142-162 | 259-288 |
| 21 | LD2-1-VH      | 6a  | 91-105 | 148-198 | 295-342 |
| 23 | LD2-1-VL      | 6b  | 61-99  | 145-165 | 262-294 |
| 25 | LD2-4-VH      | 7a  | 91-105 | 148-198 | 295-342 |
| 27 | LD2-4-VL      | 7b  | 64-96  | 142-162 | 259-282 |
| 29 | LD2-5-VH      | 8a  | 91-105 | 148-198 | 295-342 |
| 31 | LD2-5-VL      | 8b  | 64-96  | 142-162 | 259-288 |
| 33 | LD2-10-VH     | 9a  | 91-105 | 148-198 | 298-345 |
| 35 | LD2-10-VL     | 9b  | 61-102 | 148-168 | 265-294 |
| 37 | LD2-11-VH     | 10a | 91-105 | 148-198 | 295-342 |
| 39 | LD2-11-VL     | 10b | 64-96  | 142-162 | 259-285 |
| 41 | LD2-14-VH     | 11a | 91-105 | 148-198 | 295-342 |
| 43 | LD2-14-VL     | 11b | 64-96  | 142-162 | 259-285 |
| 45 | LD2-17-VH     | 12a | 91-105 | 148-198 | 295-342 |
| 47 | LD2-17-VL     | 12b | 64-96  | 142-162 | 259-285 |
| 49 | LD2-20-VH     | 13a | 91-105 | 148-198 | 295-342 |
| 51 | LD2-20-VL     | 13b | 64-96  | 142-162 | 259-285 |
| 53 | LD1-6-17-VH   | 14a | 91-105 | 148-198 | 295-351 |
| 55 | LD1-6-17-VL   | 14b | 64-96  | 142-162 | 259-285 |
| 57 | LD1/2-6-3-VH  | 15a | 91-105 | 148-198 | 295-342 |
| 59 | LD1/2-6-3-VL  | 15b | 64-96  | 142-162 | 259-285 |
| 61 | LD1/2-6-33-VH | 16a | 91-105 | 148-198 | 295-342 |
| 63 | LD1/2-6-33-VL | 16b | 64-96  | 142-162 | 259-285 |